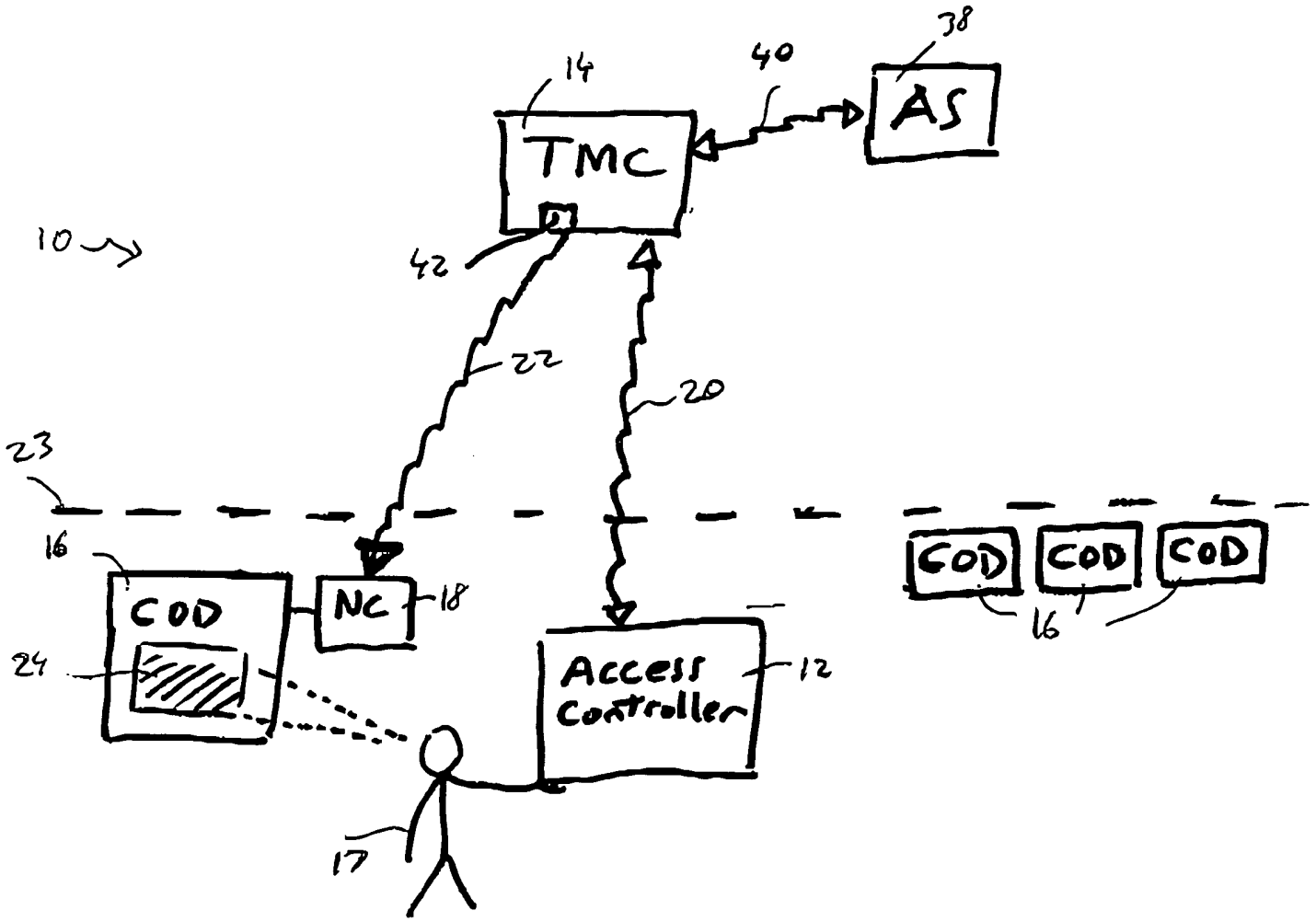
38
14
40
AS
TMC
10
42
22
20
23
16
COD
NC
18
24
Access Controller
12
17
COD
COD
COD
16

Fig. 1

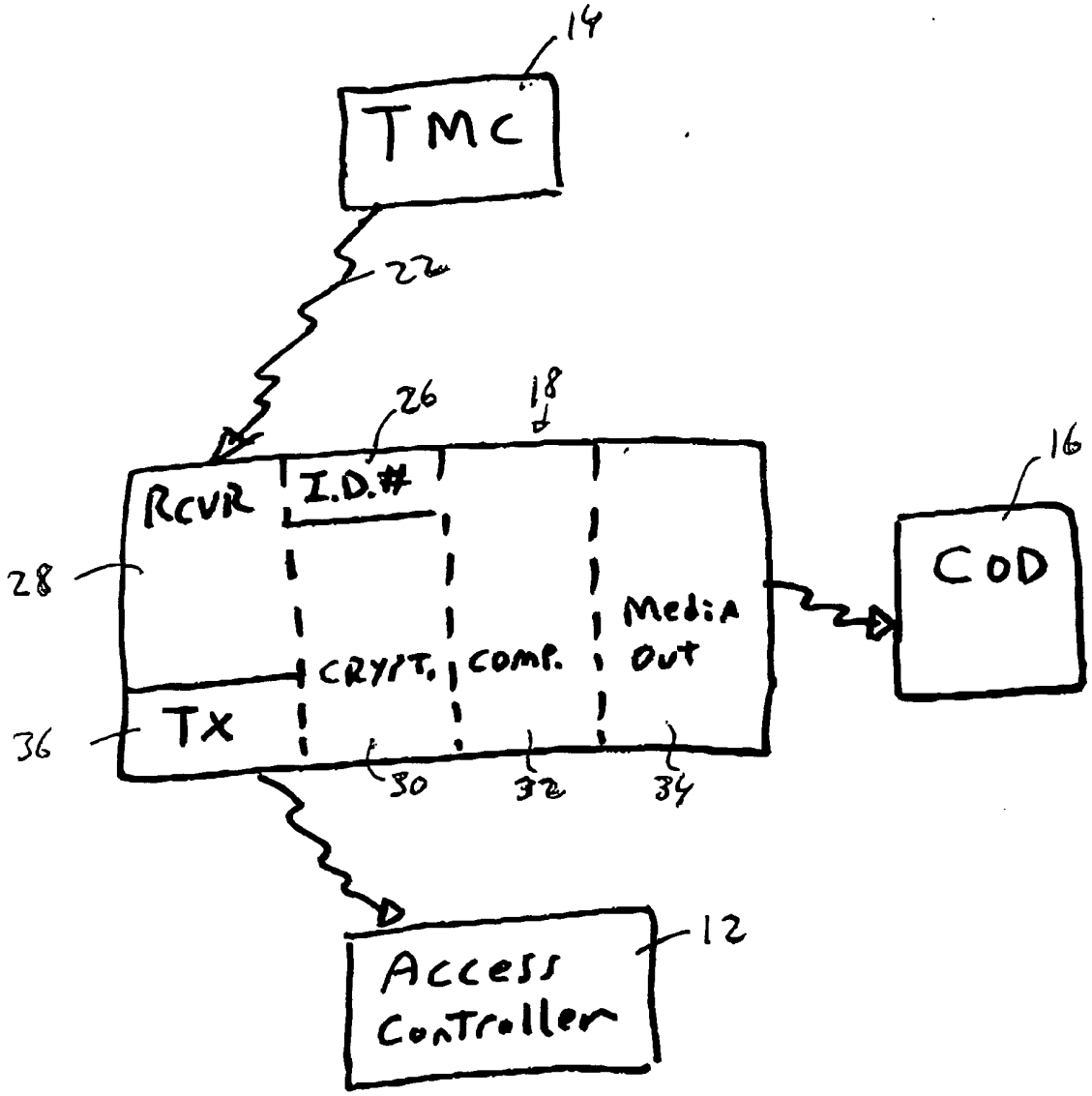
14
TMC
22
26
18
16
RCVR
I.D.#
28
COD
MEDIA
OUT
CRYPT.
COMP.
TX
36
30
32
34
12
ACCESS
CONTROLLER

Fig. 2

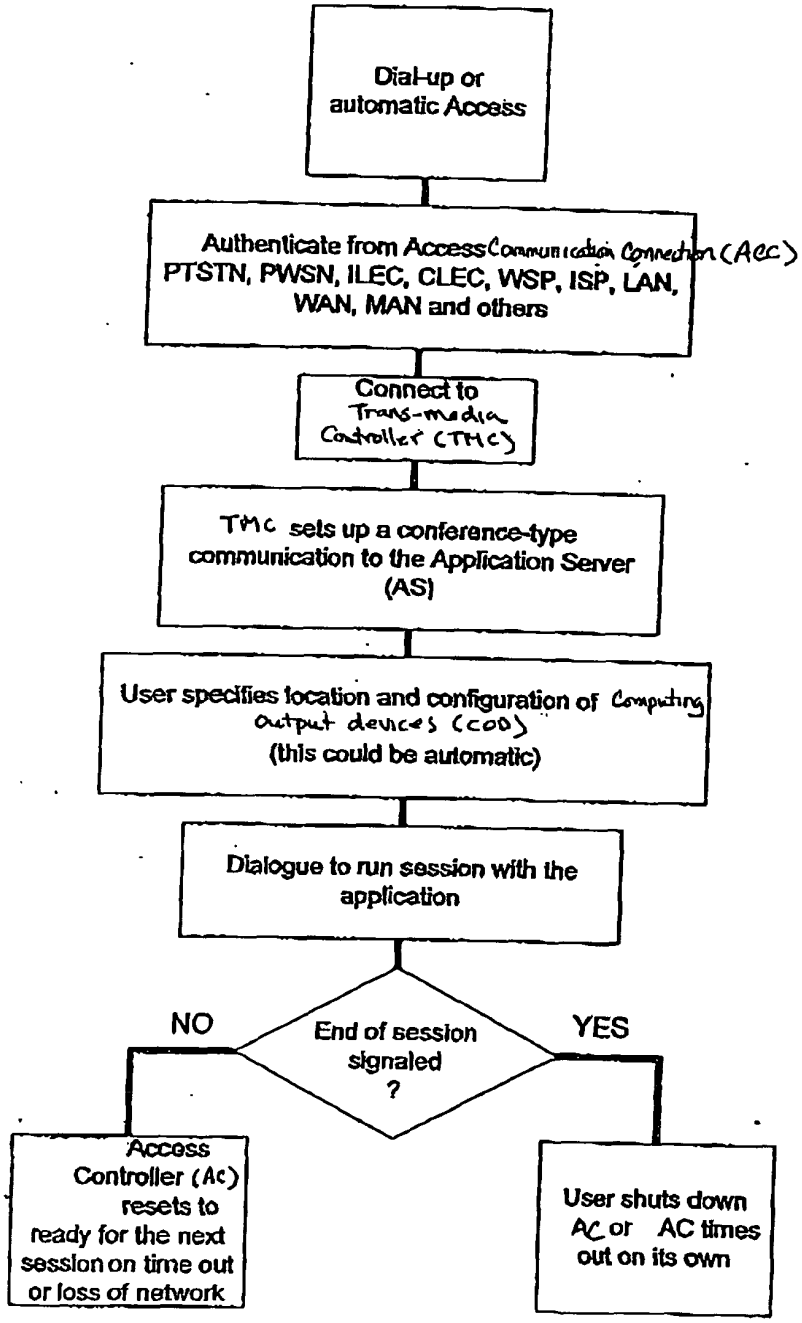
Dial-up or automatic Access
Authenticate from Access Communication Connection (ACC) PTSTN, PWSN, ILEC, CLEC, WSP, ISP, LAN, WAN, MAN and others
Connect to Trans-media Controller (TMC)
TMC sets up a conference-type communication to the Application Server (AS)
User specifies location and configuration of Computing output devices (COD) (this could be automatic)
Dialogue to run session with the application
End of session signaled ?
NO
YES
Access Controller (Ac) resets to ready for the next session on time out or loss of network
User shuts down AC or AC times out on its own

Fig. 3

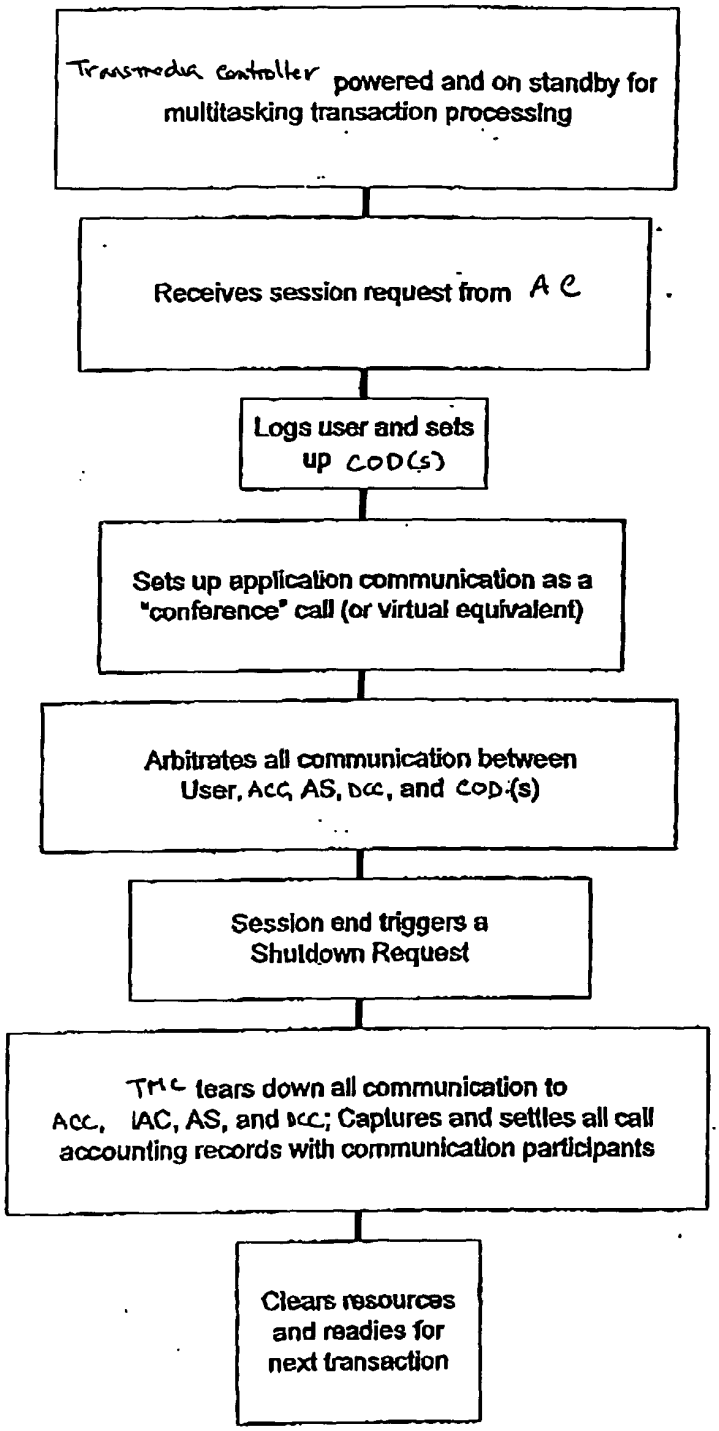
Transmedia Controller powered and on standby for multitasking transaction processing
Receives session request from AC
Logs user and sets up COD(s)
Sets up application communication as a "conference" call (or virtual equivalent)
Arbitrates all communication between User, ACC, AS, DCC, and COD(s)
Session end triggers a Shutdown Request
TMC tears down all communication to ACC, IAC, AS, and DCC; Captures and settles all call accounting records with communication participants
Clears resources and readies for next transaction

Fig. 4